

Tropical Storm (TS) 13W (Vamco)*



First Poor : 2130Z 17Aug 03

First Fair : 0600Z 18 Aug 03

First TCFA : 0000Z 19 Aug 03

First Warning : 0000Z 19 Aug 03

Last Warning : 1200Z 20 Aug 03, Dissipated

Max Intensity : 35 kts, gusts to 45 kts

Landfall : Fanshan, China

Total Warnings : 07

Remarks:

(1) The tropical disturbance that became the short-lived Tropical Storm (TS) 13W was first detected off the east coast of Luzon as a disturbance in the monsoon trough. This disturbance intensified, lifted northward out of the monsoon trough at 3 to 4 knots and consolidated into a depression, with the first warning being issued on 19 August at 0000Z. As the cyclone tracked northward and increased slowly in intensity, a low to mid level ridge to the northeast caused the cyclone to move more northwestward and accelerate towards mainland China. Continuous moderate vertical shear prevented the cyclone from intensifying into more than a weak tropical storm. The final warning for TS 13W was issued on 20 August at 1200Z, approximately 11 hours after landfall near Fanshan, China, where the cyclone rapidly dissipated over land.

2) No damage reports were received for this cyclone.

*Named by WMO Designated RSMC

Statistics for JTWC on TS13W

	WRN	BEST TRACK			POSITION ERRORS								WIND ERRORS							
DTG	NO.	LAT	LONG	wind	00	12	24	36	48	72	96	120	00	12	24	36	48	72	96	120
03081818		18.8N	125.2E 20																	
03081900	1	20.8N	125.4E 25	50	171	272	360					0	0	0	20					
03081906	2	22.8N	124.8E 30	0	62	126	211					0	0	20	15					
03081912	3	24.3N	123.4E 30	6	36	146						0	5	10						
03081918	4	25.8N	122.2E 35	17	69	104						0	15	10						
03082000	5	27.2N	120.9E 35	16	34							0	5							
03082006	6	28.3N	119.5E 25	0	19							0	0							
03082012	7	29.8N	118.3E 20	0								0								
03082018		30.5N	117.5E 20																	
			AVERAGE	13	65	162	285					0	4	10	18					
			BIAS									0	4	10	18					
			# CASES	7	6	4	2					7	6	4	2					

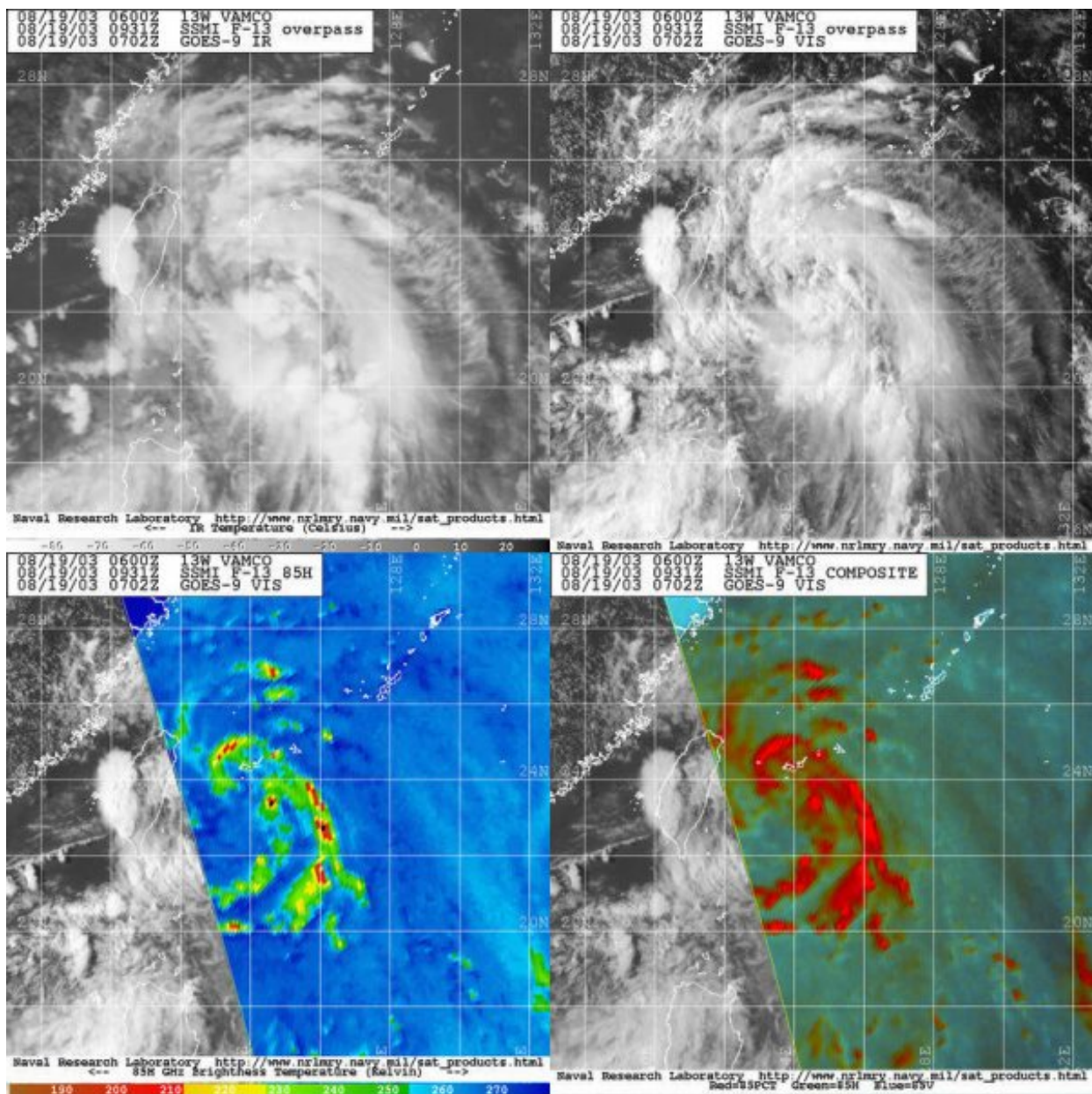
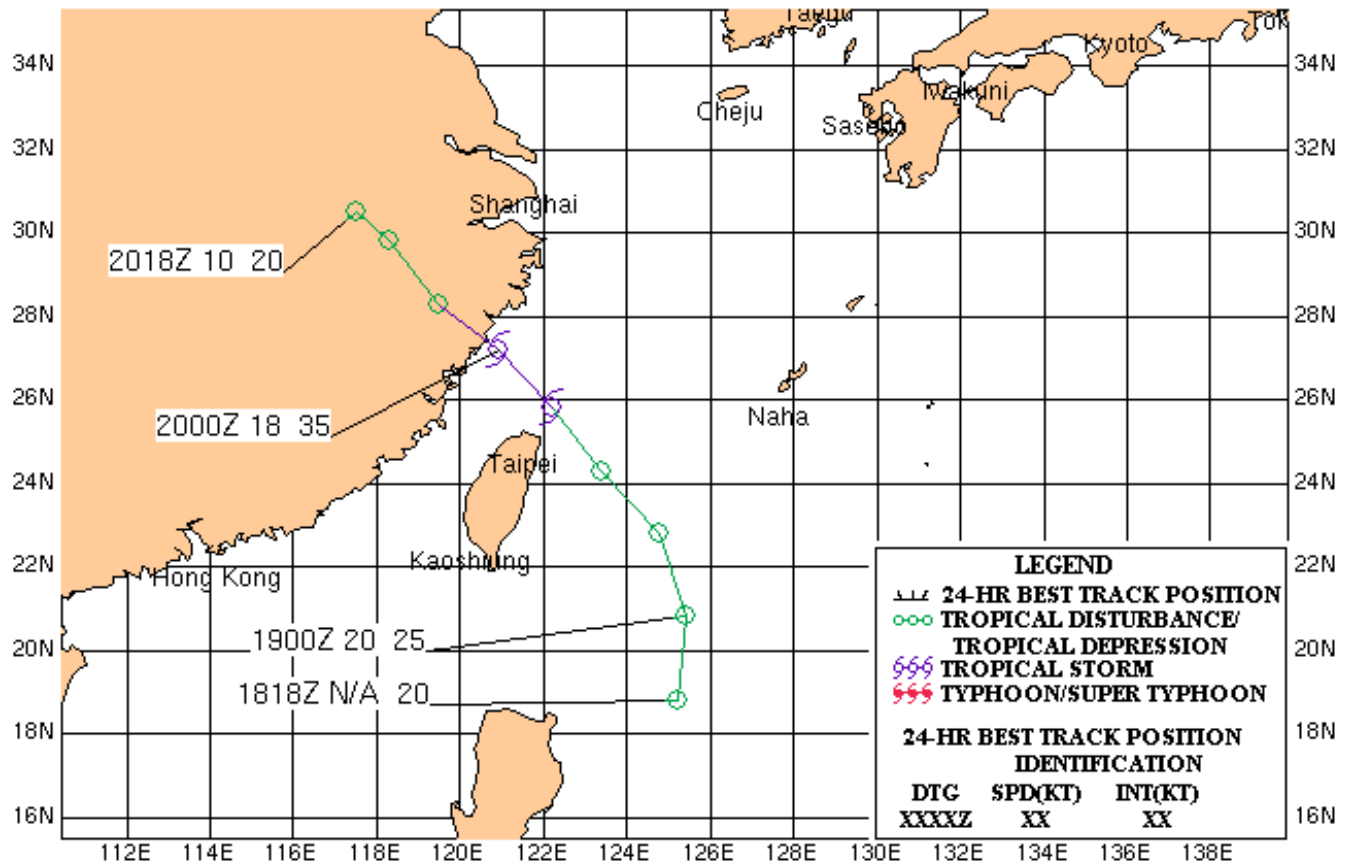


Figure 1-13W-1. 190931Z August 2003 GOES-9 multi-sensor satellite imagery of TY 13W (Vamco), located 180 nm east of Taiwan at its peak intensity of 35 knots.

TROPICAL STORM 13W (VAMCO) **19 - 20 AUGUST 2003**



Time Intensity for 13W

Intensity (kts)

